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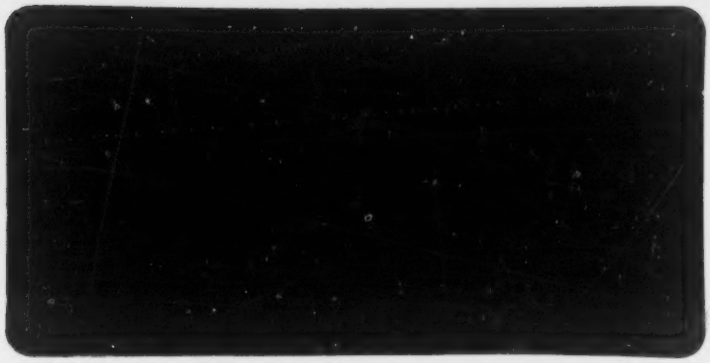

AMERICAN ASSOCIATION
OF COLLEGES OF PHARMACY

DEGREES CONFERRED BY SCHOOLS AND COLLEGES OF PHARMACY

1986-1987

by

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Data Tabulated by

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1986-1987 DEGREES CONFERRED
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Arthur D. Broom, Ph.D. (Utah)
David A. Knapp, Ph.D. (Maryland)
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Michael A. Schwartz, Ph.D. (Florida)
Michael S. Sherman, Ph.D. (Association Research, Inc.)

The Committee provides valuable assistance to staff and Association Research, Inc. in revising the Degrees Conferred Survey.

The reader will note that this report reflects a 100 percent response to the survey. The Association wishes to express its appreciation to the pharmacy school deans and their staffs who devoted their valuable time to complete the survey instruments that led to this report.

INTRODUCTION

This report continues a tradition, established in 1959, of gathering and reporting data and statistics on the degrees conferred by U.S. pharmacy schools. These reports have become useful to AACP, member schools, other pharmacy organizations, and private and government agencies concerned with health manpower. They serve as an indicator of the U.S. pharmacy schools' output of pharmacy practitioners.

In September, 1985, AACP published a 25-year summary, review and analysis of undergraduate and graduate degrees awarded by U.S. pharmacy schools. Information gathered from subsequent annual degrees conferred surveys is added to this database and consequently may be useful in examining trends that go back as far as 1960.

3In 1985, AACP changed the definition of academic disciplines in pharmacy education for the purpose of gathering and reporting data. As a result, comparing graduate degrees conferred in the various disciplines with previous years must be approached with the knowledge that the definitions have been changed.

As in most reports of this type, more questions are uncovered than are answered. The analysis section, which follows, does not attempt an exhaustive analytical treatment of the data or particular questions; rather, it provides an overview. Pharmacy researchers are encouraged to use AACP's database to conduct more detailed investigations to answer specific questions.

ANALYSIS

Entry Level Degrees

For the purpose of this analysis, entry level degrees in pharmacy include the Bachelor (B.S., B.Pharm.) and entry level Doctor of Pharmacy (Pharm.D.) degrees. The post-baccalaureate Pharm.D. degree is treated in a separate section below. Entry level Pharm.D. degrees are identified as "Pharm.D. (1st)" and post B.S. Pharm.D. degrees are identified as "Pharm.D. (2nd)"..

Data concerning entry degrees conferred by U.S. pharmacy schools in 1986-87 are contained in Tables A through I and are displayed in Figures 1 through 6. These tables and figures provide historical data for the purpose of identifying trends.

Pharmacy schools awarded a total of 5,160 Baccalaureate and 695 entry Pharm.D. degrees in 1986-87. The total entry degree number, 5,859, is 1.02 percent greater than the 5,800 entry level degrees awarded in the 1985-86 academic year. This increase continues a trend in entry level degree increase begun last year (see Figure 3). The total entry level degrees would have been much higher this year were it not for the fact that two schools, Illinois and Tennessee, are converting to all entry Pharm.D. programs and awarded very few entry degrees in 1986-87. It is estimated that if Illinois and Tennessee had graduated classes, the total entry degrees would be approximately 6,000 for 1986-87, an increase of about 3.5 percent over the previous year.

Baccalaureate degrees increased 0.5 percent over 1985-86 (Figure 1), while entry Pharm.D. degrees advanced 13.9 percent (Figure 2). This represents the third year in a row of steep increases in the production of entry Pharm.D.s and continues a pattern of increases which, except for periodic dips, has not abated since AACP began to gather data on the entry level Pharm.D degree in 1960.

In 1986-87, the entry Pharm.D. degree represented 11.9 percent of all entry degrees conferred. This is up from 10.5 percent in 1985-86, 9.7 percent in 1984-85 and 6.0 percent in 1979-80.

Table C provides data broken down by NABP/AACP district, while Tables D and F display data by census regions (these data exclude Puerto Rico). Figures 5 and 6 provide graphic visualizations of the contributions that the census regions made to the pharmacy manpower pool in 1986-87. The states located in the census regions are:

New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Mid Atlantic: New Jersey, New York, Pennsylvania

South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

East South Central: Alabama, Kentucky, Mississippi

West South Central: Arkansas, Louisiana, Oklahoma, Texas

East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin

West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

Pacific: Alaska, California, Hawaii, Oregon, Washington

Post Baccalaureate Pharm.D.

Post B.S. Pharm.D. degrees declined by 1.4 percent to 207 from 210. This is considerably less than the 9.5 percent fall seen last year (see Figure 4). The apparent "normal" number for post B.S. degrees currently is around 200 per year. However, we will continue to see spikes similar to that observed in 1983 and 1984 as more schools convert from B.S. to entry Pharm.D. programs and offer recent B.S. graduates opportunities to receive post B.S. Pharm.D. degrees. Moreover, we may see the post B.S. numbers begin to climb as more schools begin to offer the degree through nontraditional (or external) programs.

Graduate Degrees

Masters Degrees fell from 415 to 348, a 16.1 percent decline compared to last year (Tables A, B and K and Figure 7). Compared with the 1984-85 academic year total of 338, this year's number still represents a reversal of the downward trend which began in 1980.

Doctor of Philosophy degrees continued to increase at a hefty 36.2 percent (354 degrees awarded in 1986-87 compared with 260 in 1985-86). Tables A, B and L contain these data and they are depicted in figure 8. Four of five disciplines showed increases compared with last year. One fewer degree in pharmacology was awarded in 1986-87 compared with 1985-86. Pharmaceutical chemistry/pharmacognosy showed a healthy 81.7 percent surge (93 to 169), while Pharmaceutics posted an 18.8 percent increase. Ph.D. degrees in pharmacy administration increased by one (from 19 to 20), and degrees in pharmacy practice increased from 3 to 6.

Gender

Figures 1 through 4 display the relative changes in the ratios of males to females for entry degrees and post B.S. Pharm.D. degrees. Most of the Tables display data disaggregated by gender. Females received 56.9 percent of the entry degrees (B.S. and entry Pharm.D.) awarded in 1986-87. This is up from 54.3 percent in 1985-86. Females receiving entry Pharm.D. degrees were 58 percent of the total, while 56.7 percent received B.S. degrees. Two factors contribute to the increasing percentage of women in the entry degree manpower pool: the decline in the number of males and the increase in the number of females receiving entry degrees. Males received 2,648 entry degrees in 1985-86 and they received only 2,527 in 1986-87. On the other hand, females received 3,152 entry degrees in 1985-86 and 3,332 in 1986-87.

Females receiving Masters degrees comprised 43.4 percent of the total population in 1986-87 compared with 41 percent last year. Females receiving Ph.D. degrees rose from 26.2 percent of the total in 1985-86 to 32.2 percent in 1986-87.

Ethnic Minorities

Entry pharmacy degrees awarded to Black Americans decreased by 2.3 percent from 306 in 1985-86 to 299 in 1986-87. Contributing to the decline was a fall by 5 percent in Black Americans receiving B.S. degrees, but a 23.3 percent increase in Black Americans receiving entry Pharm.D. degrees moderated the decline. Four Black American females received post B.S. Pharm.D. degrees. Four Black American males received Ph.D. degrees, while two males and four females received Masters degrees.

Entry degrees conferred on Hispanic American pharmacy students rose by 18.9 percent from 217 to 258. This reverses an 11.4 percent decline posted last year. Baccalaureate degrees led the way with a 19.6 percent increase; entry Pharm.D.s increased by three from 23 to 26. Seven Hispanic Americans received post B.S. Pharm.D. degrees; four received Masters degrees; and eight received Ph.D. degrees.

Entry degrees awarded to Asian Americans went up by 11.7 percent (333 to 372). Baccalaureate degrees rose by 10.9 percent and entry Pharm.D.s increased by 12.8 percent. Five post B.S. Pharm.D. degrees, 11 Masters and 18 Ph.D. degrees were conferred on Asian Americans.

Eight Native Americans received Baccalaureate degrees in 1986-87. There were no other degrees awarded to Native Americans in this academic year.

Figure 1: BACHELOR OF SCIENCE

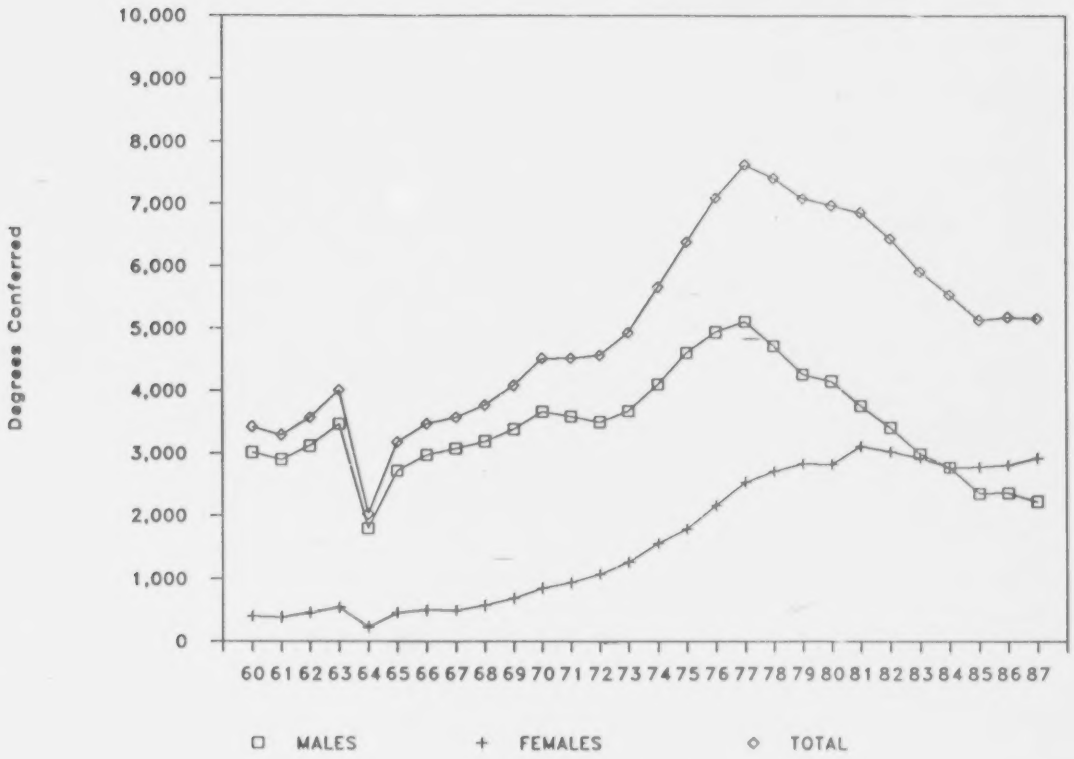

Figure 2: DOCTOR OF PHARMACY

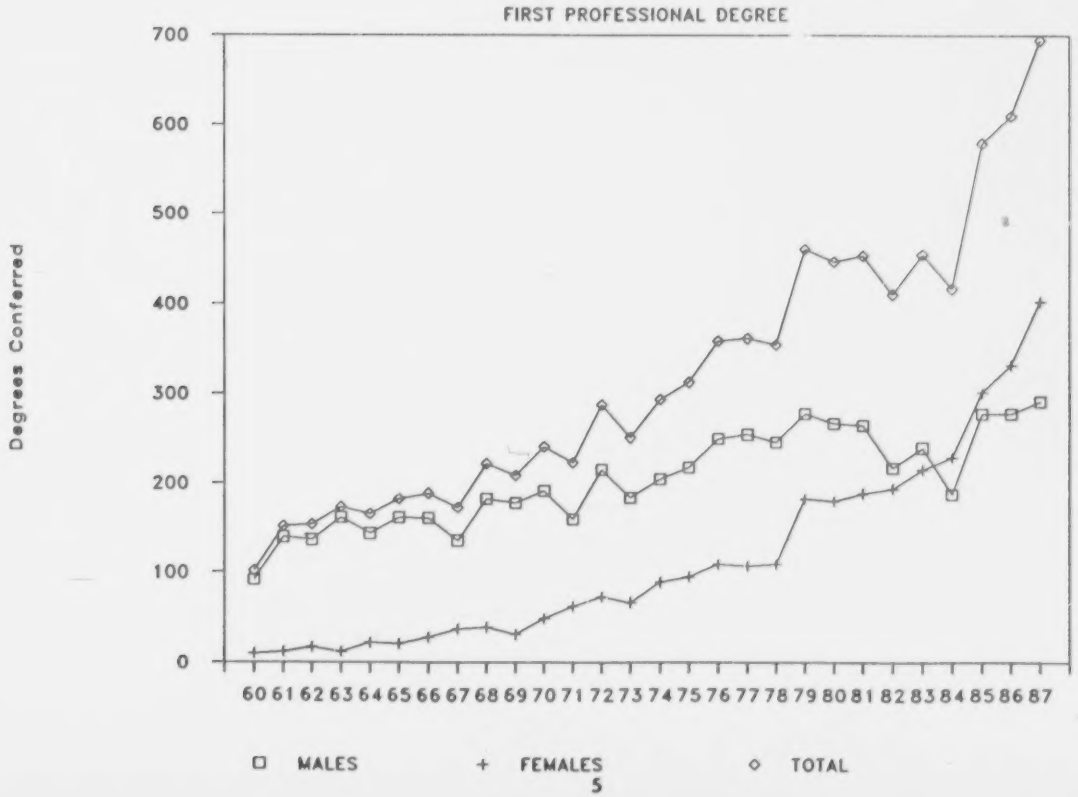

Figure 3: ENTRY LEVEL DEGREES

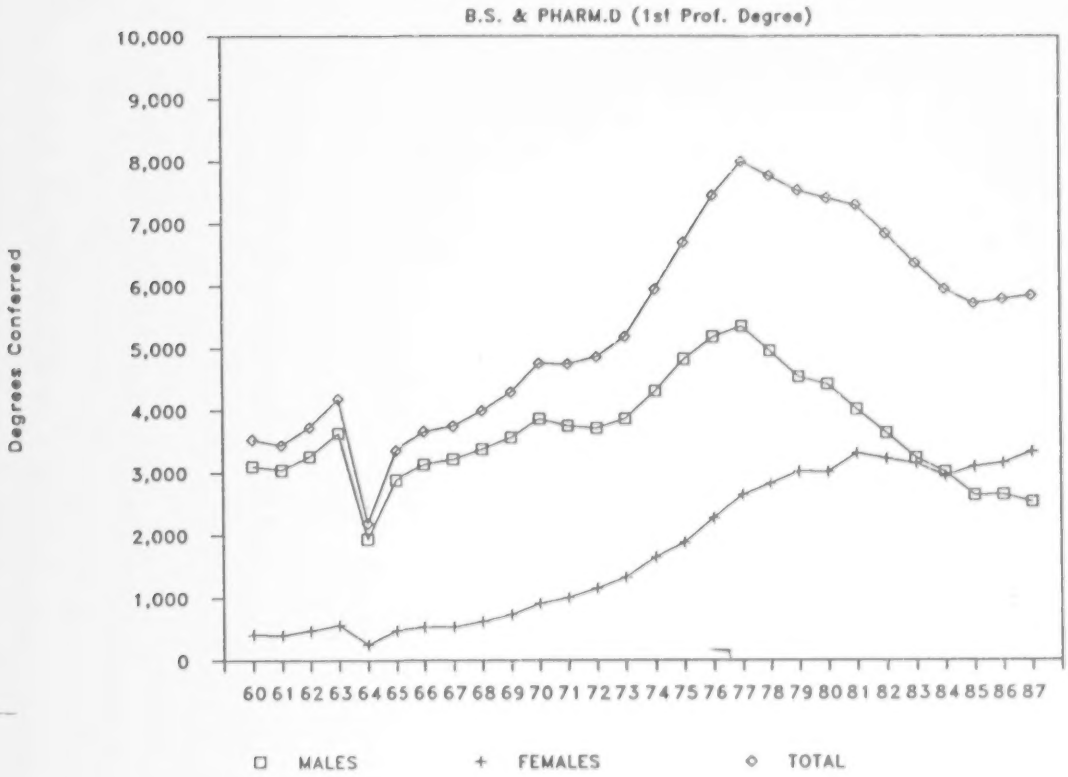

Figure 4: DOCTOR OF PHARMACY

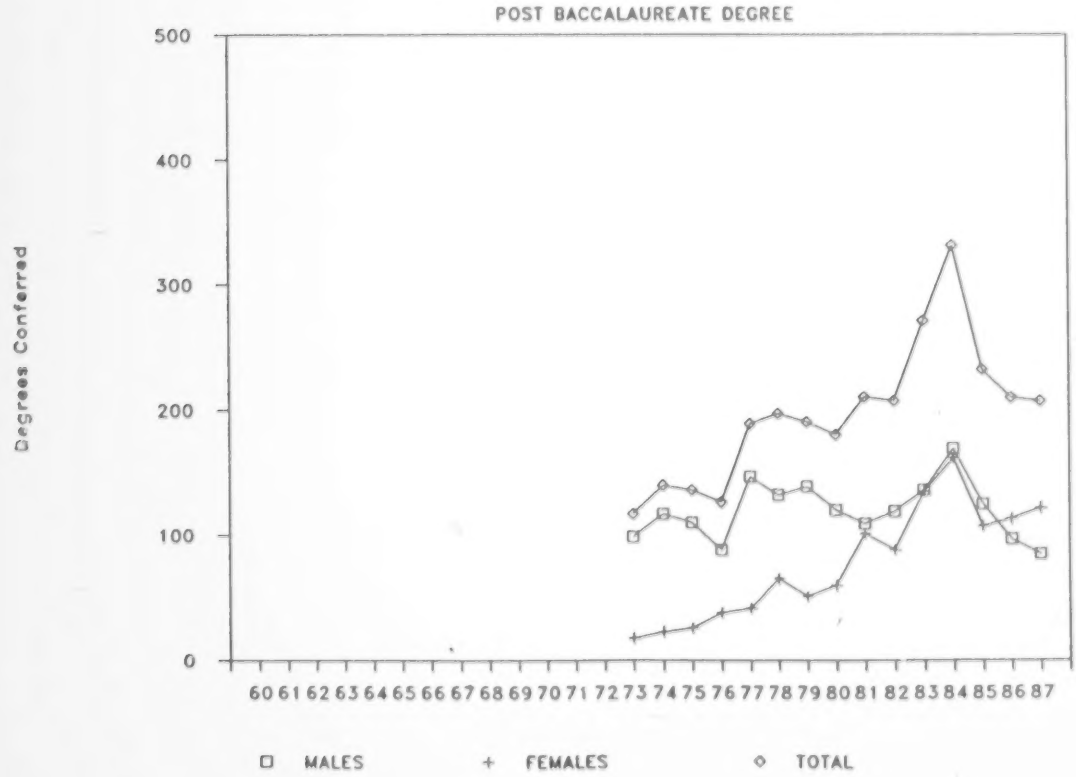

Figure 5: ENTRY LEVEL DEGREES

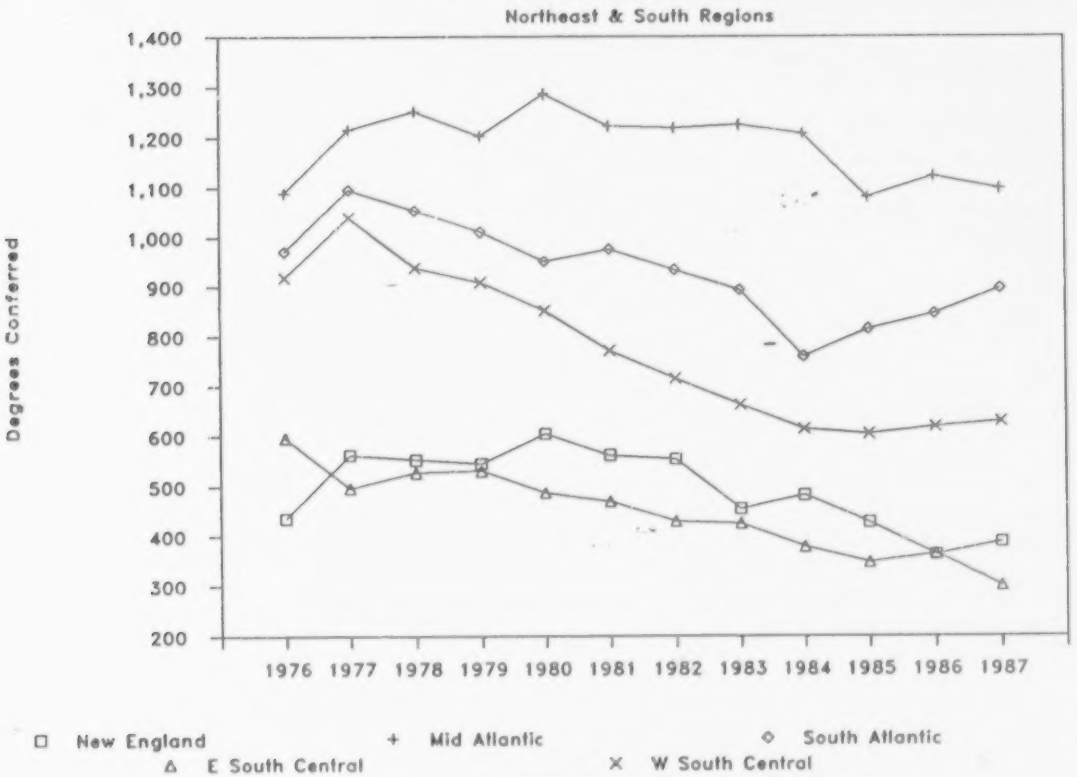

Figure 6: ENTRY LEVEL DEGREES

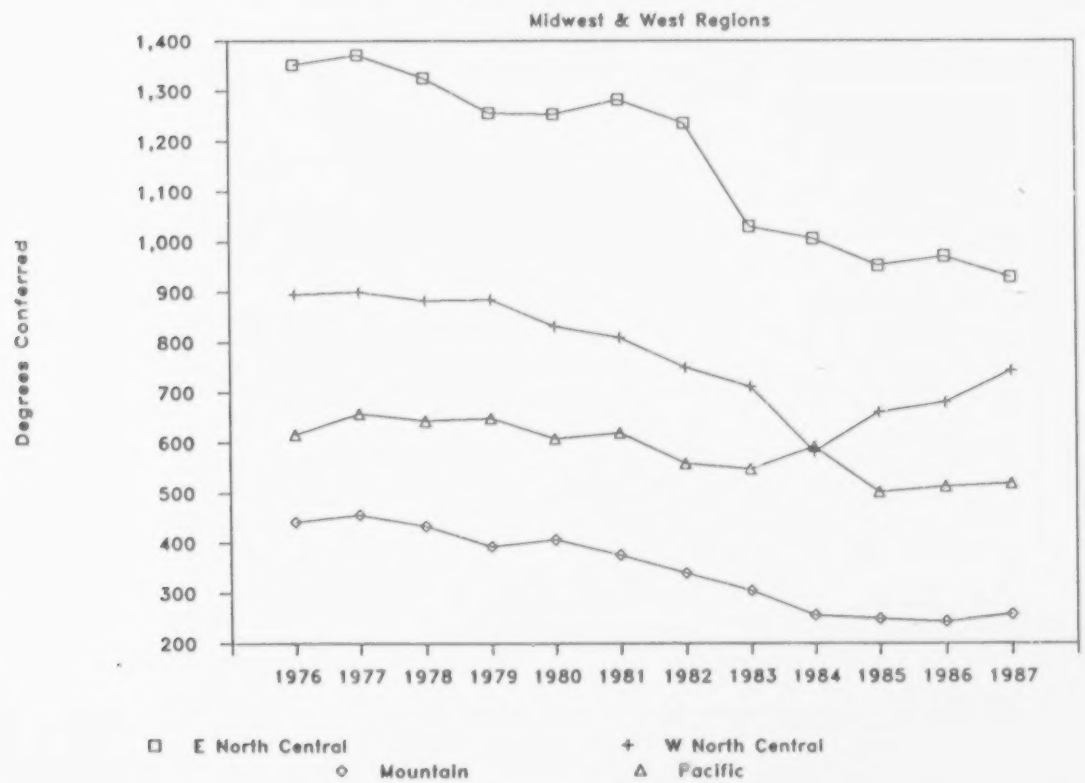

Figure 7: MASTER OF SCIENCE

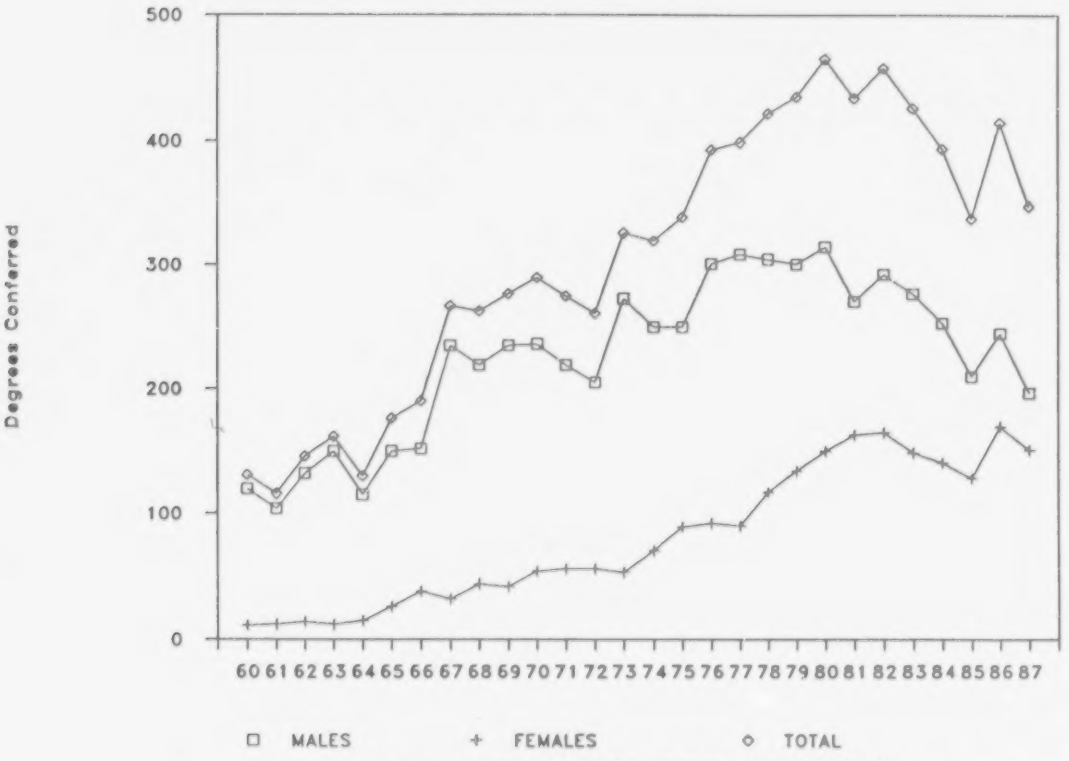

Figure 8: DOCTOR OF PHILOSOPHY

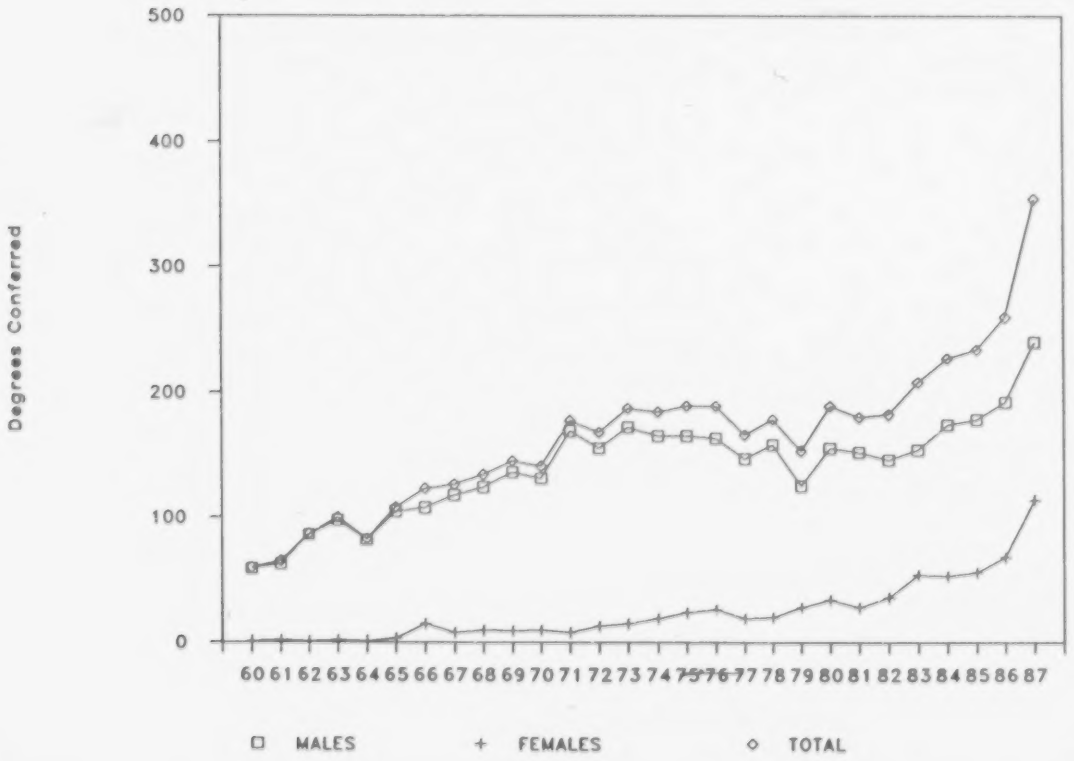

Figure 9: TOTAL PHARMACY DEGREES

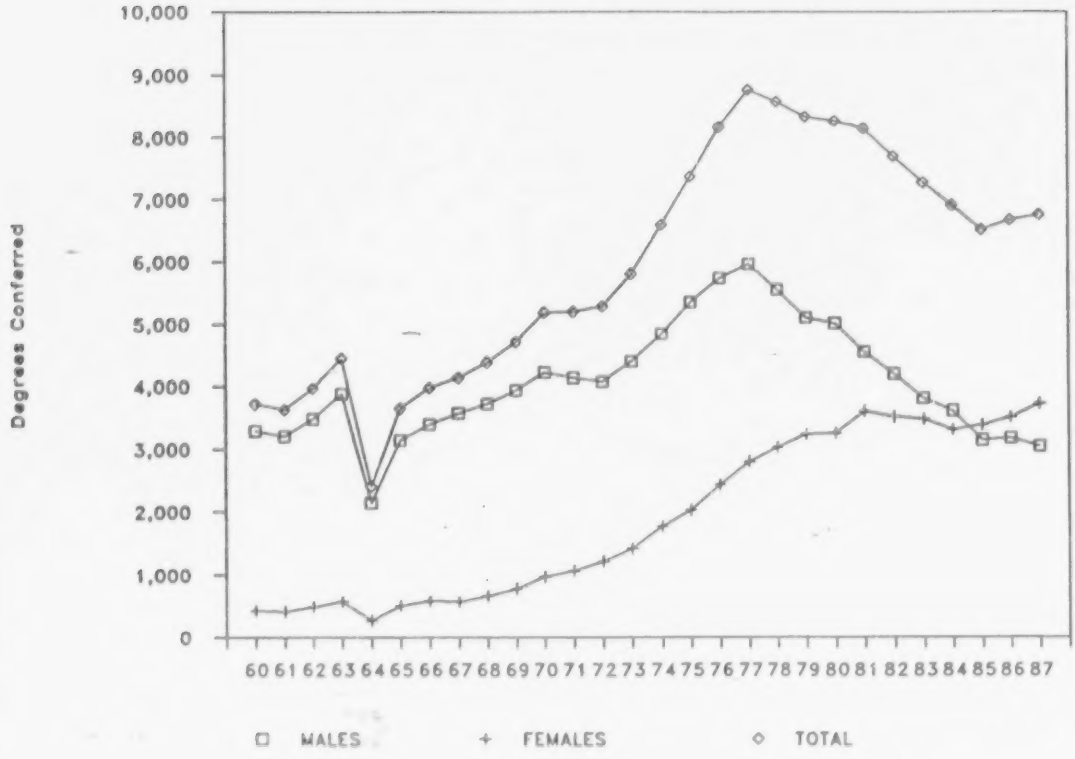

TABLE A: PHARMACY DEGREES AWARDED 1960 - 1987

YEAR	BS PHARMACY			PHARM D 1			PHARM D 2			--- M S ---			-- Ph D ---			--- TOTAL ---		
	M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot
1960	3018	406	3424	92	10	102				120	11	131	59	1	60	3289	428	3717
1961	2906	387	3293	140	12	152				104	12	116	63	2	65	3213	413	3626
1962	3122	452	3574	137	17	154				132	14	146	86	1	87	3477	484	3961
1963	3472	542	4014	162	12	174				150	12	162	98	2	100	3882	568	4450
1964	1799	230	2029	144	22	166				115	15	130	82	1	83	2140	268	2408
1965	2723	454	3177	162	21	183				150	26	176	105	3	108	3140	504	3644
1966	2970	500	3470	161	28	189				152	38	190	108	15	123	3391	581	3972
1967	3078	493	3571	136	37	173				235	32	267	118	8	126	3567	570	4137
1968	3194	572	3766	183	39	222				219	44	263	124	10	134	3720	665	4385
1969	3384	695	4079	178	31	209				235	42	277	136	9	145	3933	777	4710
1970	3664	853	4517	192	49	241				236	54	290	131	10	141	4223	966	5189
1971	3589	935	4524	160	63	223				219	56	275	169	8	177	4137	1062	5199
1972	3498	1072	4570	215	73	288				205	56	261	155	13	168	4073	1214	5287
1973	3674	1259	4933	184	67	251	99	18	117	273	53	326	172	15	187	4402	1412	5814
1974	4104	1559	5663	205	89	294	117	23	140	250	70	320	165	19	184	4841	1760	6601
1975	4607	1792	6399	218	95	313	110	26	136	250	89	339	165	24	189	5350	2026	7376
1976	4940	2165	7105	250	109	359	88	38	126	301	92	393	163	26	189	5742	2430	8172
1977	5108	2541	7649	255	107	362	147	42	189	309	90	399	147	19	166	5966	2799	8765
1978	4715	2715	7430	246	109	355	132	65	197	305	117	422	158	20	178	5556	3026	8582
1979	4260	2835	7095	278	183	461	139	51	190	301	134	435	125	28	153	5103	3231	8334
1980	4154	2831	6985	267	180	447	120	60	180	315	150	465	155	34	189	5011	3255	8266
1981	3753	3116	6869	265	189	454	109	101	210	271	163	434	152	28	180	4550	3597	8147
1982	3417	3031	6448	217	194	411	119	88	207	293	165	458	146	36	182	4192	3514	7706
1983	2994	2925	5919	240	215	455	136	135	271	277	149	426	154	54	208	3801	3478	7279
1984	2779	2767	5546	188	229	417	169	162	331	253	141	394	174	53	227	3610	3305	6915
1985	2356	2788	5144	278	302	580	125	107	232	210	128	338	178	56	234	3147	3381	6528
1986	2370	2820	5190	278	332	610	97	113	210	245	170	415	192	68	260	3182	3503	6685
1987	2235	2929	5164	292	403	695	85	122	207	197	151	348	240	114	354	3049	3719	6768

PHARM D 1 : DOCTOR OF PHARMACY as First Professional Degree

PHARM D 2 : DOCTOR OF PHARMACY as Post Baccalaureate Degree

Totals are for all AACP Schools, including Puerto Rico

TABLE B: DEGREES CONFERRED BY COLLEGES OF PHARMACY

COLLEGE	BS PHARM *		PHARM D1		PHARM D2		M. S.		Ph. D.		HONORARY		TOTAL DEGREES		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Auburn	28	37	0	0	2	1	2	4	1	0	0	0	33	42	75
Samford	33	39	0	0	0	0	0	0	0	0	0	0	33	39	72
Arizona	17	23	5	3	0	0	6	3	12	3	0	0	40	32	72
Arkansas	28	29	0	0	0	0	1	0	0	0	0	0	29	29	58
California	0	0	43	64	0	1	0	0	41	37	0	0	84	102	186
Pacific	2	4	35	65	0	3	0	1	1	3	0	0	38	76	114
Southern California	0	0	61	82	0	0	2	4	7	2	0	0	70	88	158
Colorado	21	26	0	0	0	0	0	0	1	0	0	0	22	26	48
Connecticut	26	30	0	0	0	0	2	2	4	6	0	0	32	38	70
Howard	15	25	1	1	0	3	0	0	0	0	0	0	16	29	45
Florida A & M	15	21	1	1	0	0	3	0	0	0	0	0	19	22	41
Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	32	42	11	13	0	0	1	1	6	2	0	0	50	58	108
Mercer	0	0	55	51	0	1	0	0	0	0	0	0	55	52	107
Georgia	53	81	0	0	1	5	4	5	6	3	0	0	64	94	158
Idaho State	8	14	0	0	0	0	2	0	0	0	0	0	10	14	24
Illinois	8	9	10	16	0	0	2	2	2	3	0	0	22	30	52
Butler	21	32	0	0	0	0	2	2	0	0	0	0	23	34	57
Purdue	48	87	0	8	2	3	2	6	17	8	1	0	70	112	182
Drake	23	31	0	0	0	0	0	0	0	0	0	0	23	31	54
Iowa	45	42	0	0	4	2	1	4	5	1	0	0	55	49	104
Kansas	22	47	0	0	0	0	8	4	12	3	0	0	42	54	96
Kentucky	27	44	3	3	7	6	0	0	9	2	0	0	46	55	101
Northeast Louisiana	73	67	0	0	0	0	4	0	0	2	0	0	77	69	146
Xavier	20	38	0	0	0	0	0	0	0	0	0	0	20	38	58
Maryland	23	41	2	4	0	2	3	1	6	5	1	0	35	53	88
Massachusetts	73	130	0	0	3	2	4	2	1	0	3	0	84	134	218
Northeastern	16	32	0	0	1	2	9	3	3	0	0	0	29	37	66
Ferris State	55	65	0	0	0	0	0	0	0	0	0	0	55	65	120
Michigan	0	0	17	24	0	2	0	4	5	3	0	0	22	33	55
Wayne State	44	30	0	0	3	6	8	3	0	0	0	0	55	39	94
Minnesota	33	46	13	11	6	6	4	4	10	5	0	0	66	72	138
Mississippi	39	46	0	0	0	0	8	1	3	0	0	0	50	47	97
St. Louis	63	63	0	0	0	0	0	0	0	0	0	0	63	63	126
Missouri-KC	22	28	0	0	0	0	1	0	2	0	0	0	25	28	53
Montana	19	11	0	0	0	0	0	0	0	0	0	0	19	11	30
Creighton	31	27	4	12	1	2	0	0	0	0	0	0	36	41	77
Nebraska	0	0	27	36	1	0	2	1	1	1	0	0	31	38	69
Rutgers	42	71	0	0	0	0	9	5	4	2	1	0	56	78	134
New Mexico	25	13	0	0	0	0	0	0	0	0	0	0	25	13	38
A & M Schwartz	69	61	0	0	0	0	22	8	0	0	0	0	91	69	160
St. Johns	105	95	1	4	0	0	27	31	8	1	0	0	141	131	272
S.U.N.Y. Buffalo	26	27	0	0	7	6	1	0	3	0	0	0	37	33	70
Albany	50	76	0	0	0	0	0	0	0	0	0	0	50	76	126
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	47	95	0	2	0	7	1	8	6	0	0	0	54	112	166
North Dakota	33	41	0	0	0	0	4	2	2	0	0	0	39	43	82
Ohio Northern	43	52	0	0	0	0	0	0	0	0	0	0	43	52	95
Ohio State	55	57	0	0	4	5	7	8	7	1	0	0	73	71	144
Cincinnati	30	41	0	0	5	3	2	2	4	0	0	0	41	46	87
Toledo	39	38	0	0	0	0	3	1	0	0	0	0	42	39	81
S.W. Oklahoma	38	40	0	0	0	0	0	0	0	0	0	0	38	40	78
Oklahoma	22	32	0	0	0	0	2	0	2	1	0	0	26	33	59
Oregon State	29	26	0	0	0	0	1	2	1	1	0	0	31	29	60
Duquesne	33	54	0	0	4	3	4	3	0	0	0	0	41	60	101
Philadelphia	60	103	0	1	4	8	4	0	2	1	1	1	71	114	185
Temple	60	62	0	0	0	0	6	6	5	1	0	0	71	69	140
Pittsburgh	41	57	0	0	0	0	1	0	2	2	0	0	44	59	103
Puerto Rico	13	84	0	0	0	0	0	0	0	0	0	0	13	84	97
Rhode Island	31	50	0	0	2	0	2	1	2	1	0	0	37	52	89
Med. U. of S.C.	19	31	0	0	10	7	0	0	0	0	0	0	29	38	67
South Carolina	27	34	2	2	1	1	4	1	1	1	0	0	35	39	74
South Dakota	15	28	0	0	0	0	0	0	0	0	0	0	15	28	43
Tennessee	1	1	0	0	2	4	0	4	0	0	0	0	3	9	12
Texas Southern	28	27	0	0	0	1	0	0	0	0	0	0	28	28	56
Houston	26	45	0	0	0	0	4	2	2	0	0	0	32	47	79
Texas-Austin	46	69	1	0	3	14	3	2	2	3	0	0	55	88	143
Utah	30	13	0	0	4	7	2	2	11	5	0	0	47	27	74
Va. Commonwealth	43	62	0	0	4	6	0	0	2	1	0	0	49	69	118
Washington	25	33	0	0	4	3	1	0	6	2	0	0	36	38	74
Washington State	24	25	0	0	0	0	1	0	3	0	0	0	28	25	53
West Virginia	14	31	0	0	0	0	0	0	1	0	0	0	15	31	46
Wisconsin	45	56	0	0	0	0	5	6	9	2	0	0	59	64	123
Wyoming	18	12	0	0	0	0	0	0	0	0	0	0	18	12	30
TOTAL	2235	2929	292	403	85	122	197	151	240	114	7	1	3056	3720	6776

* Washington State confers a Bachelor of Pharmacy Degree

TABLE C: DEGREES CONFERRED BY AACP DISTRICTS

AACP DISTRICT	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL DEGREES TOTAL
DISTRICT 1															
Connecticut	26	30	0	0	0	0	2	2	4	6	0	0	32	38	70
Massachusetts	73	130	0	0	3	2	4	2	1	0	3	0	84	134	218
Northeastern	16	32	0	0	1	2	9	3	3	0	0	0	29	37	66
Rhode Island	31	50	0	0	2	0	2	1	2	1	0	0	37	52	89
TOTAL	146	242	0	0	6	4	17	8	10	7	3	0	182	261	443
DISTRICT 2															
Howard	15	25	1	1	0	3	0	0	0	0	0	0	16	29	45
Maryland	23	41	2	4	0	2	3	1	6	5	1	0	35	53	88
Rutgers	42	71	0	0	0	0	9	5	4	2	1	0	56	78	134
A & M Schwartz	69	61	0	0	0	0	22	8	0	0	0	0	91	69	160
St. Johns	105	95	1	4	0	0	27	31	8	1	0	0	141	131	272
S.U.N.Y. Buffalo	26	27	0	0	7	6	1	0	3	0	0	0	37	33	70
Albany	50	76	0	0	0	0	0	0	0	0	0	0	50	76	126
Duquesne	33	54	0	0	4	3	4	3	0	0	0	0	41	60	101
Philadelphia	60	103	0	1	4	8	4	0	2	1	1	1	71	114	185
Temple	60	62	0	0	0	0	6	6	5	1	0	0	71	69	140
Pittsburgh	41	57	0	0	0	0	1	0	2	2	0	0	44	59	103
Va. Commonwealth	43	62	0	0	4	6	0	0	2	1	0	0	49	69	118
West Virginia	14	31	0	0	0	0	0	0	1	0	0	0	15	31	46
TOTAL	581	765	4	10	19	28	77	54	33	13	3	1	717	871	1588
DISTRICT 3															
Auburn	28	37	0	0	2	1	2	4	1	0	0	0	33	42	75
Samford	33	39	0	0	0	0	0	0	0	0	0	0	33	39	72
Florida A & M	15	21	1	1	0	0	3	0	0	0	0	0	19	22	41
Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	32	42	11	13	0	0	1	1	6	2	0	0	50	58	108
Mercer	0	0	55	51	0	1	0	0	0	0	0	0	55	52	107
Georgia	53	81	0	0	1	5	4	5	6	3	0	0	64	94	158
Mississippi	39	46	0	0	0	0	8	1	3	0	0	0	50	47	97
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	47	95	0	2	0	7	1	8	6	0	0	0	54	112	166
Puerto Rico	13	84	0	0	0	0	0	0	0	0	0	0	13	84	97
Med. U. of S.C.	19	31	0	0	10	7	0	0	0	0	0	0	29	38	67
South Carolina	27	34	2	2	1	1	4	1	1	1	0	0	35	39	74
Tennessee	1	1	0	0	2	4	0	4	0	0	0	0	3	9	12
TOTAL	307	511	69	69	16	26	23	24	23	6	0	0	438	636	1074
DISTRICT 4															
Illinois	8	9	10	16	0	0	2	2	2	3	0	0	22	30	52
Butler	21	32	0	0	0	0	2	2	0	0	0	0	23	34	57
Purdue	48	87	0	8	2	3	2	6	17	8	1	0	70	112	182
Kentucky	27	44	3	3	7	6	0	0	9	2	0	0	46	55	101
Ferris State	55	65	0	0	0	0	0	0	0	0	0	0	55	65	120
Michigan	0	0	17	24	0	2	0	4	5	3	0	0	22	33	55
Wayne State	44	30	0	0	3	6	8	3	0	0	0	0	55	39	94
Ohio Northern	43	52	0	0	0	0	0	0	0	0	0	0	43	52	95

TABLE C: DEGREES CONFERRED BY AACP DISTRICTS

AACP DISTRICT	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL
Ohio State	55	57	0	0	4	5	7	8	7	1	0	0	73	71	144
Cincinnati	30	41	0	0	5	3	2	2	4	0	0	0	41	46	87
Toledo	39	38	0	0	0	0	3	1	0	0	0	0	42	39	81
Wisconsin	45	56	0	0	0	0	5	6	9	2	0	0	59	64	123
TOTAL	415	511	30	51	21	25	31	34	53	19	1	0	551	640	1191
DISTRICT 5															
Drake	23	31	0	0	0	0	0	0	0	0	0	0	23	31	54
Iowa	45	42	0	0	4	2	1	4	5	1	0	0	55	49	104
Minnesota	33	46	13	11	6	6	4	4	10	5	0	0	66	72	138
Creighton	31	27	4	12	1	2	0	0	0	0	0	0	36	41	77
Nebraska	0	0	27	36	1	0	2	1	1	1	0	0	31	38	69
North Dakota	33	41	0	0	0	0	4	2	2	0	0	0	39	43	82
South Dakota	15	28	0	0	0	0	0	0	0	0	0	0	15	28	43
TOTAL	180	215	44	59	12	10	11	11	18	7	0	0	265	302	567
DISTRICT 6															
Arkansas	28	29	0	0	0	0	1	0	0	0	0	0	29	29	58
Kansas	22	47	0	0	0	0	8	4	12	3	0	0	42	54	96
Northeast Louisiana	73	67	0	0	0	0	4	0	0	2	0	0	77	69	146
Xavier	20	38	0	0	0	0	0	0	0	0	0	0	20	38	58
St. Louis	63	63	0	0	0	0	0	0	0	0	0	0	63	63	126
Missouri-KC	22	28	0	0	0	0	1	0	2	0	0	0	25	28	53
S.W. Oklahoma	38	40	0	0	0	0	0	0	0	0	0	0	38	40	78
Oklahoma	22	32	0	0	0	0	2	0	2	1	0	0	26	33	59
Texas Southern	28	27	0	0	0	1	0	0	0	0	0	0	28	28	56
Houston	26	45	0	0	0	0	4	2	2	0	0	0	32	47	79
Texas-Austin	46	69	1	0	3	14	3	2	2	3	0	0	55	88	143
TOTAL	388	485	1	0	3	15	23	8	20	9	0	0	435	517	952
DISTRICT 7															
Idaho State	8	14	0	0	0	0	2	0	0	0	0	0	10	14	24
Montana	19	11	0	0	0	0	0	0	0	0	0	0	19	11	30
Oregon State	29	26	0	0	0	0	1	2	1	1	0	0	31	29	60
Washington	25	33	0	0	4	3	1	0	6	2	0	0	36	38	74
Washington State	24	25	0	0	0	0	1	0	3	0	0	0	28	25	53
Wyoming	18	12	0	0	0	0	0	0	0	0	0	0	18	12	30
TOTAL	123	121	0	0	4	3	5	2	10	3	0	0	142	129	271
DISTRICT 8															
Arizona	17	23	5	3	0	0	6	3	12	3	0	0	40	32	72
California	0	0	43	64	0	1	0	0	41	37	0	0	84	102	186
Pacific	2	4	35	65	0	3	0	1	1	3	0	0	38	76	114
Southern California	0	0	61	82	0	0	2	4	7	2	0	0	70	88	158
Colorado	21	26	0	0	0	0	0	0	1	0	0	0	22	26	48
New Mexico	25	13	0	0	0	0	0	0	0	0	0	0	25	13	38
Utah	30	13	0	0	4	7	2	2	11	5	0	0	47	27	74
TOTAL	95	79	144	214	4	11	10	10	73	50	0	0	326	364	690

TABLE D: SUMMARY OF DEGREES CONFERRED BY CENSUS DISTRICT AND REGION

CENSUS REGIONS	BS PHARM *		PHARM D1		PHARM D2		M. S.		Ph. D.		HONORARY		TOTAL DEGREES		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
New England	146	242	0	0	6	4	17	8	10	7	3	0	182	261	443
Mid Atlantic	486	606	1	5	15	17	74	53	24	7	2	1	602	689	1291
NORTHEAST	632	848	1	5	21	21	91	61	34	14	5	1	784	950	1734
South Atlantic	288	463	72	74	16	32	16	16	28	12	1	0	421	597	1018
East South Central	128	167	3	3	11	11	10	9	13	2	0	0	165	192	357
West South Central	281	347	1	0	3	15	14	4	6	6	0	0	305	372	677
SOUTH	697	977	76	77	30	58	40	29	47	20	1	0	891	1161	2052
East North Central	388	467	27	48	14	19	31	34	44	17	1	0	505	585	1090
West North Central	287	353	44	59	12	10	20	15	32	10	0	0	395	447	842
MIDWEST	675	820	71	107	26	29	51	49	76	27	1	0	900	1032	1932
Mountain	138	112	5	3	4	7	10	5	24	8	0	0	181	135	316
Pacific	80	88	139	211	4	7	5	7	59	45	0	0	287	358	645
WEST	218	200	144	214	8	14	15	12	83	53	0	0	468	493	961
TOTAL U.S.	2222	2845	292	403	85	122	197	151	240	114	7	1	3043	3636	6679
Puerto Rico	13	84	0	0	0	0	0	0	0	0	0	0	13	84	97
TOTAL AACP	2235	2929	292	403	85	122	197	151	240	114	7	1	3056	3720	6776

TABLE E: ENTRY LEVEL DEGREES CONFERRED BY CENSUS DISTRICT AND REGION

CENSUS REGIONS	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	% CHANGE '77-87
New England	436	563	553	545	605	562	554	454	482	428	362	388	-31.1%
% Change	9.0%	29.1%	-1.8%	-1.4%	11.0%	-7.1%	-1.4%	-18.1%	6.2%	-11.2%	-15.4%	-9.3%	
Mid Atlantic	1090	1217	1252	1203	1287	1223	1220	1225	1208	1081	1123	1098	-9.8%
% Change	14.4%	11.7%	2.9%	-3.9%	7.0%	-5.0%	-0.2%	0.4%	-1.4%	-10.5%	3.9%	1.6%	
NORTHEAST	1526	1780	1805	1748	1892	1785	1774	1679	1690	1509	1485	1486	-16.5%
% Change	12.8%	16.6%	1.4%	-3.2%	8.2%	-5.7%	-0.6%	-5.4%	0.7%	-10.7%	-1.6%	-1.5%	
South Atlantic	972	1096	1055	1011	952	976	935	894	760	815	846	897	-18.2%
% Change	5.5%	12.8%	-3.7%	-4.2%	-5.8%	2.5%	-4.2%	-4.4%	-15.0%	7.2%	3.8%	10.1%	
East South Cen	597	497	527	531	487	470	430	426	378	346	364	301	-39.4%
% Change	23.9%	-16.8%	6.0%	0.8%	-8.3%	-3.5%	-8.5%	-0.9%	-11.3%	-8.5%	5.2%	-13.0%	
West South Cen	919	1041	939	909	853	772	716	663	614	604	619	629	-39.6%
% Change	10.2%	13.3%	-9.8%	-3.2%	-6.2%	-9.5%	-7.3%	-7.4%	-7.4%	-1.6%	2.5%	4.1%	
SOUTH	2488	2634	2521	2451	2292	2218	2081	1983	1752	1765	1829	1827	-30.6%
% Change	11.2%	5.9%	-4.3%	-2.8%	-6.5%	-3.2%	-6.2%	-4.7%	-11.6%	0.7%	3.6%	3.5%	
East North Cen	1353	1373	1326	1256	1254	1283	1236	1029	1006	953	971	930	-32.3%
% Change	12.9%	1.5%	-3.4%	-5.3%	-0.2%	2.3%	-3.7%	-16.7%	-2.2%	-5.3%	1.9%	-2.4%	
West North Cen	896	901	883	885	832	810	750	712	581	661	680	743	-17.5%
% Change	9.9%	0.6%	-2.0%	0.2%	-6.0%	-2.6%	-7.4%	-5.1%	-18.4%	13.8%	2.9%	12.4%	
MIDWEST	2249	2274	2209	2141	2086	2093	1986	1741	1587	1614	1651	1673	-26.4%
% Change	11.7%	1.1%	-2.9%	-3.1%	-2.6%	0.3%	-5.1%	-12.3%	-8.8%	1.7%	2.3%	3.7%	
Mountain	443	457	434	394	407	377	340	305	257	250	244	258	-43.5%
% Change	12.4%	3.2%	-5.0%	-9.2%	3.3%	-7.4%	-9.8%	-10.3%	-15.7%	-2.7%	-2.4%	3.2%	
Pacific	617	658	644	649	608	620	559	548	592	502	513	518	-21.3%
% Change	9.8%	6.6%	-2.1%	0.8%	-6.3%	2.0%	-9.8%	-2.0%	8.0%	-15.2%	2.2%	3.2%	
WEST	1060	1115	1078	1043	1015	997	899	853	849	752	757	776	-30.4%
% Change	10.9%	5.2%	-3.3%	-3.2%	-2.7%	-1.8%	-9.8%	-5.1%	-0.5%	-11.4%	0.7%	3.2%	
TOTAL U.S.	7323	7803	7613	7383	7285	7093	6740	6256	5878	5640	5722	5762	-26.2%
% Change	11.6%	6.6%	-2.4%	-3.0%	-1.3%	-2.6%	-5.0%	-7.2%	-6.0%	-4.0%	1.5%	2.2%	

TABLE F: DEGREES CONFERRED BY STATE

STATE	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL
Alabama	61	76	0	0	2	1	2	4	1	0	0	0	66	81	147
Arizona	17	23	5	3	0	0	6	3	12	3	0	0	40	32	72
Arkansas	28	29	0	0	0	0	1	0	0	0	0	0	29	29	58
California	2	4	139	211	0	4	2	5	49	42	0	0	192	266	458
Colorado	21	26	0	0	0	0	0	0	1	0	0	0	22	26	48
Connecticut	26	30	0	0	0	0	2	2	4	6	0	0	32	38	70
District of Columbia	15	25	1	1	0	3	0	0	0	0	0	0	16	29	45
Florida	47	63	12	14	0	0	4	1	6	2	0	0	69	80	149
Georgia	53	81	55	51	1	6	4	5	6	3	0	0	119	146	265
Idaho	8	14	0	0	0	0	2	0	0	0	0	0	10	14	24
Illinois	8	9	10	16	0	0	2	2	2	3	0	0	22	30	52
Indiana	69	119	0	8	2	3	4	8	17	8	1	0	93	146	239
Iowa	68	73	0	0	4	2	1	4	5	1	0	0	78	80	158
Kansas	22	47	0	0	0	0	8	4	12	3	0	0	42	54	96
Kentucky	27	44	3	3	7	6	0	0	9	2	0	0	46	55	101
Louisiana	93	105	0	0	0	0	4	0	0	2	0	0	97	107	204
Maryland	23	41	2	4	0	2	3	1	6	5	1	0	35	53	88
Massachusetts	89	162	0	0	4	4	13	5	4	0	3	0	113	171	284
Michigan	99	95	17	24	3	8	8	7	5	3	0	0	132	137	269
Minnesota	33	46	13	11	6	6	4	4	10	5	0	0	66	72	138
Mississippi	39	46	0	0	0	0	8	1	3	0	0	0	50	47	97
Missouri	85	91	0	0	0	0	1	0	2	0	0	0	88	91	179
Montana	19	11	0	0	0	0	0	0	0	0	0	0	19	11	30
Nebraska	31	27	31	48	2	2	2	1	1	1	0	0	67	79	146
New Jersey	42	71	0	0	0	0	9	5	4	2	1	0	56	78	134
New Mexico	25	13	0	0	0	0	0	0	0	0	0	0	25	13	38
New York	250	259	1	4	7	6	50	39	11	1	0	0	319	309	628
North Carolina	47	95	0	2	0	7	1	8	6	0	0	0	54	112	166
North Dakota	33	41	0	0	0	0	4	2	2	0	0	0	39	43	82
Ohio	167	188	0	0	9	8	12	11	11	1	0	0	199	208	407
Oklahoma	60	72	0	0	0	0	2	0	2	1	0	0	64	73	137
Oregon	29	26	0	0	0	0	1	2	1	1	0	0	31	29	60
Pennsylvania	194	276	0	1	8	11	15	9	9	4	1	1	227	302	529
Puerto Rico	13	84	0	0	0	0	0	0	0	0	0	0	13	84	97
Rhode Island	31	50	0	0	2	0	2	1	2	1	0	0	37	52	89
South Carolina	46	65	2	2	11	8	4	1	1	1	0	0	64	77	141
South Dakota	15	28	0	0	0	0	0	0	0	0	0	0	15	28	43
Tennessee	1	1	0	0	2	4	0	4	0	0	0	0	3	9	12
Texas	100	141	1	0	3	15	7	4	4	3	0	0	115	163	278
Utah	30	13	0	0	4	7	2	2	11	5	0	0	47	27	74
Virginia	43	62	0	0	4	6	0	0	2	1	0	0	49	69	118
Washington	49	58	0	0	4	3	2	0	9	2	0	0	64	63	127
West Virginia	14	31	0	0	0	0	0	0	1	0	0	0	15	31	46
Wisconsin	45	56	0	0	0	0	5	6	9	2	0	0	59	64	123
Wyoming	18	12	0	0	0	0	0	0	0	0	0	0	18	12	30
TOTAL	2235	2929	292	403	85	122	197	151	240	114	7	1	3056	3720	6776

TABLE G: PHARMACY DEGREES CONFERRED BY ETHNIC GROUP 1972 - 1986

		WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	YEAR	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
B.S.	1972	3419	914	76	62	80	73					65	53	73	43	3713	1145
	1973	3479	980	79	63	105	129	129	90	3	2	5	4	58	58	3858	1326
	1974	3847	1263	95	49	121	151	107	99	6	1	11	2	122	83	4309	1648
	1975	4267	1472	108	68	114	158	117	71	8		9	8	202	110	4825	1887
	1976	4410	1781	107	76	97	144	89	60	9	2	31	5	197	97	4940	2165
	1977	4559	2094	106	112	131	174	72	66	6	3	5	3	229	89	5108	2541
	1978	4251	2282	121	104	114	169	71	79	2		17	13	139	68	4715	2715
	1979	3845	2349	110	148	87	185	71	81	13	2	9	11	125	59	4260	2835
	1980	3711	2343	104	134	77	179	94	78	4	1	27	22	137	74	4154	2831
	1981	3333	2579	83	133	123	226	73	97		3	5	2	136	76	3753	3116
	1982	2996	2562	86	152	80	144	103	95	7	6	12	6	133	66	3417	3031
	1983	2545	2371	80	152	86	158	76	100	5	3	54	36	148	105	2994	2925
	1984	2239	2236	93	135	127	70	80	93	6	4	100	70	181	112	2826	2720
	1985	1949	2285	95	129	89	140	61	105	2	4	1	1	165	121	2362	2785
	1986	1914	2257	102	174	78	116	86	98	7	4			183	171	2370	2820
	1987	1822	2320	88	174	85	147	78	126	4	4	5	6	153	152	2235	2929
PHARM D1	1976	131	47					47	26			60	31	12	5	250	109
	1977	156	58	1	7	8	2	65	35					25	5	255	107
	1978	145	58	4	4	13	2	65	36	3	1			16	8	246	109
	1979	180	121	4	10	12	4	75	40					7	8	278	183
	1980	165	116	6	5	20	1	67	53	3				6	5	267	180
	1981	179	114	5	9	5	7	65	53	1	1			10	5	265	189
	1982	133	119	8	4	8	9	62	57					6	5	217	194
	1983	151	122	5	4	9	8	67	73			2	1	6	7	240	215
	1984	95	106	5	9	11	9	68	98			3	1	6	6	188	229
	1985	181	176	15	11	9	7	57	97			2	4	17	12	281	307
	1986	173	190	16	14	13	10	48	101					28	17	278	332
	1987	191	228	14	23	12	14	46	122			2	2	27	14	292	403
PHARM D2	1973	88	16	3	1			5	1					3		99	18
	1974	104	18	4	1			3	2					6	2	117	23
	1975	98	16		2	1		4	3					7	5	110	26
	1976	82	32	3	1		1		1				1	3	2	88	38
	1977	136	36					5	2					6	4	147	42
	1978	126	55		4	1	2	4	3					1	1	132	65
	1979	133	46	2	1	1		1	1					2	3	139	51
	1980	109	52	3	1		2	3						5	5	120	60
	1981	91	80	2	5	7	2	2	3				1	7	10	109	101
	1982	104	68	2	4		3	2	7	1				10	6	119	88
	1983	114	103	5	18	2	5	5	4					10	5	136	135
	1984	135	133	4	6		5	4	4			2	2	24	12	169	162
	1985	98	76	3	10	1	1	3	4	1		2	4	13	8	121	103
	1986	75	79	4	11		6	3	3					15	14	97	113
	1987	71	97		4	3	4	1	4			1	3	9	10	85	122
M.S.	1972	144	24	1	1	2						1	1	57	30	205	56
	1973	192	24	4	1	2		2	1			20	3	53	24	273	53
	1974	201	42	2	1	1		3	2			2		41	25	250	70
	1975	180	50	3	1	4		2	5			3		58	33	250	89
	1976	220	59	5	1	2	2	18	6			7		49	24	301	92
	1977	227	64	3	2		1	14	4			3		62	19	309	90
	1978	225	68	7	3		3	16	9			3	1	54	33	305	117
	1979	228	81	7	3	2	1	17	9			5		42	40	301	134
	1980	224	75	5	5	1	2	11	16			24	17	50	35	310	150
	1981	192	113	8	9		2	6	8			1		64	31	271	163
	1982	189	93	2	3	2	4	2	4	1		10	17	87	44	293	165
	1983	183	99	1	1	1	3	6	4			28	12	58	30	277	149
	1984	168	86	3	5	1	3	12	4			16	5	53	38	253	141
	1985	134	81	2	8	2	1	8	3			1		63	35	210	128
	1986	166	116	6		3	5	5	2	1				64	47	245	170
	1987	136	95	2	4	2	2	3	8			11	3	43	39	197	151
Ph.D.	1972	110	6	2								1	1	42	6	155	13
	1973	120	9	4		1		3						44	6	172	15
	1974	109	12	3		1		4	1			1		47	6	165	19
	1975	99	10	1	1	2	2	6	1			1		56	10	165	24
	1976	108	10			1		7	5			9	4	38	7	163	26
	1977	91	8	2		1		5			1			48	10	147	19
	1978	106	10	1			1	8	1			3		40	8	158	20
	1979	85	13	1				4	2			2		33	13	125	28
	1980	96	16	3		1		10	2			2	1	43	15	155	34
	1981	112	21	1		1		6	2					32	5	152	28
	1982	105	21	1		1		2	1			1		36	14	146	36
	1983	104	28			1		6	3			3	1	40	22	154	54
	1984	105	30	2		5	2	11	2			6		45	19	174	53
	1985	106	34	2		1	1	6	4	1				59	18	175	57
	1986	112	48	2		1		4	2					73	18	192	68
	1987	144	63	4		7	1	7	11			8	1	70	38	240	114

TABLE H: DEGREES CONFERRED BY ETHNIC GROUP

BACHELOR OF SCIENCE

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	25	35	2	0	0	1	0	0	0	0	0	0	1	1	28	37
Samford	31	35	2	2	0	0	0	0	0	0	0	0	0	2	33	39
Arizona	11	20	0	0	4	2	1	0	1	1	0	0	0	0	17	23
Arkansas	28	29	0	0	0	0	0	0	0	0	0	0	0	0	28	29
Pacific	1	1	0	0	0	2	0	0	0	0	0	0	1	1	2	4
Colorado	14	22	1	1	1	0	3	2	0	0	0	1	2	0	21	26
Connecticut	26	28	0	0	0	1	0	1	0	0	0	0	0	0	26	30
Howard	2	2	6	11	0	0	0	1	0	0	0	0	7	11	15	25
Florida A & M	2	2	9	18	3	1	0	0	0	0	0	0	1	0	15	21
Florida	24	29	0	3	8	6	0	1	0	0	0	0	0	3	32	42
Georgia	51	76	2	3	0	0	0	2	0	0	0	0	0	0	53	81
Idaho State	6	12	0	0	0	0	0	0	0	0	0	0	2	2	8	14
Illinois	5	1	0	1	0	2	3	5	0	0	0	0	0	0	8	9
Butler	18	29	0	1	0	0	2	2	0	0	0	0	1	0	21	32
Purdue	45	84	0	0	1	0	1	3	0	0	0	0	1	0	48	87
Drake	20	25	0	1	0	0	1	1	0	0	0	0	2	4	23	31
Iowa	44	40	0	0	0	0	0	0	0	0	0	0	1	2	45	42
Kansas	19	44	0	0	0	0	1	1	0	0	0	0	2	2	22	47
Kentucky	26	41	0	1	1	0	0	0	0	0	0	0	0	2	27	44
Northeast Louisiana	64	64	1	2	0	0	2	0	0	0	0	0	6	1	73	67
Xavier	10	1	7	34	0	0	0	0	0	0	0	0	3	3	20	38
Maryland	18	33	2	2	0	1	2	3	0	0	0	0	1	2	23	41
Massachusetts	44	100	6	3	6	2	1	3	0	0	0	0	16	22	73	130
Northeastern	11	20	0	0	0	2	2	3	0	0	0	2	3	5	16	32
Ferris State	55	58	0	3	0	2	0	2	0	0	0	0	0	0	55	65
Wayne State	34	21	3	5	0	0	0	0	0	2	0	0	7	2	44	30
Minnesota	25	40	1	0	0	0	3	2	0	0	0	0	4	4	33	46
Mississippi	36	44	2	0	0	0	1	1	0	0	0	0	0	1	39	46
St. Louis	61	54	0	3	1	0	0	5	0	0	0	0	1	1	63	63
Missouri-KC	21	27	0	0	0	0	0	0	0	1	0	0	1	0	22	28
Montana	18	11	0	0	0	0	0	0	0	0	1	0	0	0	19	11
Creighton	16	16	1	1	2	1	11	6	0	0	0	0	1	3	31	27
Rutgers	36	57	2	2	1	4	2	6	0	0	0	0	1	2	42	71
New Mexico	18	6	0	0	5	3	1	3	0	0	0	0	1	1	25	13
A & M Schwartz	39	27	11	11	6	7	10	13	0	0	0	0	3	3	69	61
St. Johns	86	70	3	9	2	2	2	5	0	0	0	0	12	9	105	95
S.U.N.Y. Buffalo	24	24	0	0	0	0	0	2	0	0	0	0	2	1	26	27
Albany	48	69	0	2	0	0	0	3	0	0	0	0	2	2	50	76
North Carolina	41	87	3	6	0	0	2	2	1	0	0	0	0	0	47	95
North Dakota	29	41	0	0	0	0	0	0	0	0	0	0	4	0	33	41
Ohio Northern	34	48	1	0	0	0	3	4	0	0	0	0	5	0	43	52
Ohio State	49	54	1	0	0	0	5	1	0	0	0	0	0	2	55	57
Cincinnati	27	40	2	0	0	0	1	0	0	0	0	0	0	1	30	41
Toledo	34	32	1	2	0	0	0	0	0	0	0	0	4	4	39	38
S.W. Oklahoma	35	39	0	0	0	0	0	1	0	0	0	0	3	0	38	40
Oklahoma	18	30	0	0	0	0	0	2	1	0	0	0	3	0	22	32
Oregon State	26	24	0	0	0	0	0	0	0	0	3	2	0	0	29	26
Duquesne	31	52	0	0	0	0	1	0	0	0	0	0	1	2	33	54
Philadelphia	50	91	0	2	3	1	4	8	0	0	0	0	3	1	60	103
Temple	42	37	1	5	0	1	3	3	0	0	1	1	13	15	60	62
Pittsburgh	40	53	0	4	0	0	1	0	0	0	0	0	0	0	41	57
Puerto Rico	0	0	0	0	13	83	0	0	0	0	0	0	0	1	13	84
Rhode Island	31	49	0	0	0	0	0	1	0	0	0	0	0	0	31	50
Med. U. of S.C.	18	28	0	3	0	0	0	0	1	0	0	0	0	0	19	31
South Carolina	25	26	2	7	0	0	0	0	0	0	0	0	0	1	27	34
South Dakota	15	27	0	0	0	0	0	1	0	0	0	0	0	0	15	28
Tennessee	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Texas Southern	1	0	8	15	1	0	0	0	0	0	0	0	18	12	28	27
Houston	14	26	2	1	9	5	0	0	0	0	0	0	1	13	26	45
Texas-Austin	25	45	1	3	13	14	3	7	0	0	0	0	4	0	46	69
Utah	27	10	0	0	0	0	0	1	0	0	0	0	3	2	30	13
Va. Commonwealth	38	52	3	2	1	2	1	6	0	0	0	0	0	0	43	62
Washington	21	24	0	2	1	0	2	5	0	0	0	0	1	2	25	33
Washington State	21	18	0	1	1	2	2	4	0	0	0	0	0	0	24	25
West Virginia	14	30	0	1	0	0	0	0	0	0	0	0	0	0	14	31
Wisconsin	39	48	1	0	1	0	1	4	0	0	0	0	3	4	45	56
Wyoming	15	12	0	0	1	0	0	0	0	0	0	0	2	0	18	12
TOTAL	1822	2320	88	174	85	147	78	126	4	4	5	6	153	152	2235	2929

TABLE I: DEGREES CONFERRED BY ETHNIC GROUP

PHARM D (1st Degree)

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	5	3	0	0	0	0	0	0	0	0	0	0	0	0	5	3
California	27	32	1	1	4	2	9	27	0	0	2	1	0	1	43	64
Pacific	22	20	1	3	1	2	8	38	0	0	0	1	3	1	35	65
Southern California	22	29	2	3	4	1	27	46	0	0	0	0	6	3	61	82
Howard	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1
Florida A & M	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
Florida	9	7	0	0	1	6	0	0	0	0	0	0	1	0	11	13
Mercer	40	35	7	8	1	2	0	2	0	0	0	0	7	4	55	51
Illinois	10	14	0	1	0	0	0	1	0	0	0	0	0	0	10	16
Purdue	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Kentucky	3	3	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Maryland	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Michigan	16	17	1	3	0	1	0	2	0	0	0	0	0	1	17	24
Minnesota	8	8	0	0	0	0	0	2	0	0	0	0	5	1	13	11
Creighton	3	9	0	0	1	0	0	1	0	0	0	0	0	2	4	12
Nebraska	20	34	2	2	0	0	2	0	0	0	0	0	3	0	27	36
St. Johns	1	1	0	1	0	0	0	1	0	0	0	0	0	1	1	4
North Carolina	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Philadelphia	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
South Carolina	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Texas-Austin	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	191	228	14	23	12	14	46	122	0	0	2	2	27	14	292	403

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TABLE J: DEGREES CONFERRED BY ETHNIC GROUP

PHARM D (2nd Degree)

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
California	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Pacific	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	3
Howard	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	3
Mercer	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Georgia	1	4	0	1	0	0	0	0	0	0	0	0	0	0	1	5
Purdue	2	1	0	0	0	1	0	0	0	0	0	0	0	1	2	3
Iowa	3	2	0	0	1	0	0	0	0	0	0	0	0	0	4	2
Kentucky	6	5	0	0	0	0	0	0	0	0	0	0	1	1	7	6
Maryland	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
Massachusetts	2	2	0	0	0	0	0	0	0	0	0	0	1	0	3	2
Northeastern	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	2
Michigan	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Wayne State	3	4	0	0	0	0	0	0	0	0	0	0	0	2	3	6
Minnesota	4	5	0	0	0	0	0	1	0	0	0	0	2	0	6	6
Creighton	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Nebraska	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
S.U.N.Y. Buffalo	4	5	0	0	0	0	0	0	0	0	0	0	3	1	7	6
North Carolina	0	6	0	0	0	0	0	0	0	0	0	0	0	1	0	7
Ohio State	4	5	0	0	0	0	0	0	0	0	0	0	0	0	4	5
Cincinnati	4	2	0	0	1	0	0	0	0	0	0	0	0	1	5	3
Duquesne	4	3	0	0	0	0	0	0	0	0	0	0	0	0	4	3
Philadelphia	3	8	0	0	0	0	0	0	0	0	0	0	1	0	4	8
Rhode Island	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Med. U. of S.C.	9	5	0	0	0	1	0	0	0	0	0	0	1	1	10	7
South Carolina	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Tennessee	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Texas Southern	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas-Austin	3	14	0	0	0	0	0	0	0	0	0	0	0	0	3	14
Utah	3	7	0	0	1	0	0	0	0	0	0	0	0	0	4	7
Va. Commonwealth	4	5	0	1	0	0	0	0	0	0	0	0	0	0	4	6
Washington	4	3	0	0	0	0	0	0	0	0	0	0	0	0	4	3
TOTAL	71	97	0	4	3	4	1	4	0	0	1	3	9	10	85	122

TABLE K: DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Auburn	2	3	0	0	0	1	0	0	0	0	0	0	0	0	2	4
Arizona	6	3	0	0	0	0	0	0	0	0	0	0	0	0	6	3
Arkansas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southern California	1	0	0	0	0	0	0	0	0	0	0	0	1	4	2	4
Connecticut	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Florida A & M	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0
Florida	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Georgia	4	3	0	0	0	0	0	0	0	0	0	0	0	2	4	5
Idaho State	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Illinois	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Butler	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Purdue	1	4	0	0	0	0	0	0	0	0	0	0	1	2	2	6
Iowa	0	2	0	0	0	0	0	0	0	0	0	0	1	2	1	4
Kansas	4	2	0	0	0	0	0	0	0	0	0	0	4	2	8	4
Northeast Louisiana	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0
Maryland	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1
Massachusetts	3	1	0	0	0	0	0	0	0	0	0	0	1	1	4	2
Northeastern	0	0	0	0	0	0	0	0	0	0	9	3	0	0	9	3
Michigan	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4
Wayne State	7	2	0	0	0	0	0	0	0	0	0	0	1	1	8	3
Minnesota	2	3	0	0	0	0	0	0	0	0	0	0	2	1	4	4
Mississippi	8	1	0	0	0	0	0	0	0	0	0	0	0	0	8	1
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Nebraska	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Rutgers	8	3	0	0	0	0	1	0	0	0	0	0	0	2	9	5
A & M Schwartz	10	3	0	3	1	0	1	1	0	0	2	0	8	1	22	8
St. Johns	20	18	0	1	0	0	1	3	0	0	0	0	6	9	27	31
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
North Carolina	1	6	0	0	0	0	0	0	0	0	0	0	0	2	1	8
North Dakota	3	1	0	0	0	0	0	0	0	0	0	0	1	1	4	2
Ohio State	6	7	0	0	0	0	0	1	0	0	0	0	1	0	7	8
Cincinnati	1	1	0	0	0	0	0	1	0	0	0	0	1	0	2	2
Toledo	1	0	0	0	0	0	0	1	0	0	0	0	2	0	3	1
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Oregon State	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Duquesne	3	2	0	0	0	0	0	0	0	0	0	0	1	1	4	3
Philadelphia	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0
Temple	5	5	0	0	0	1	0	0	0	0	0	0	1	0	6	6
Pittsburgh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rhode Island	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
South Carolina	3	0	0	0	0	0	0	0	0	0	0	0	1	1	4	1
Tennessee	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Houston	1	1	0	0	1	0	0	0	0	0	0	0	2	1	4	2
Texas-Austin	3	1	0	0	0	0	0	0	0	0	0	0	0	1	3	2
Utah	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Washington	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Washington State	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Wisconsin	4	5	0	0	0	0	0	1	0	0	0	0	1	0	5	6
TOTAL	136	95	2	4	2	2	3	8	0	0	11	3	43	39	197	151

TABLE L: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Arizona	9	3	0	0	0	0	0	0	0	0	0	0	3	0	12	3
California	25	22	2	0	4	1	2	6	0	0	1	0	7	8	41	37
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3
Southern California	3	0	0	0	0	0	0	0	0	0	0	0	4	2	7	2
Colorado	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Connecticut	2	5	1	0	0	0	0	0	0	0	0	0	1	1	4	6
Florida	4	2	0	0	1	0	0	0	0	0	0	0	1	0	6	2
Georgia	4	1	0	0	0	0	0	0	0	0	0	0	2	2	6	3
Illinois	1	0	0	0	0	0	0	0	0	0	0	0	1	3	2	3
Purdue	12	6	0	0	0	0	0	0	0	0	0	0	5	2	17	8
Iowa	4	1	0	0	0	0	0	0	0	0	0	0	1	0	5	1
Kansas	5	2	0	0	0	0	0	0	0	0	4	0	3	1	12	3
Kentucky	4	0	0	0	0	0	0	0	0	0	0	0	5	2	9	2
Northeast Louisiana	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Maryland	4	2	0	0	1	0	0	1	0	0	0	0	1	2	6	5
Massachusetts	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Northeastern	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0
Michigan	1	1	0	0	0	0	1	2	0	0	0	0	3	0	5	3
Minnesota	7	4	0	0	0	0	0	0	0	0	0	0	3	1	10	5
Mississippi	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Missouri-KC	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Nebraska	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Rutgers	3	2	0	0	0	0	0	0	0	0	0	0	1	0	4	2
St. Johns	2	0	0	0	0	0	0	1	0	0	0	0	6	0	8	1
S.U.N.Y. Buffalo	0	0	0	0	0	0	1	0	0	0	0	0	2	0	3	0
North Carolina	5	0	0	0	0	0	0	0	0	0	0	0	1	0	6	0
North Dakota	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Ohio State	5	1	0	0	0	0	0	0	0	0	0	0	2	0	7	1
Cincinnati	2	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0
Oklahoma	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	1
Oregon State	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Philadelphia	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Temple	5	1	0	0	0	0	0	0	0	0	0	0	0	0	5	1
Pittsburgh	0	1	0	0	0	0	0	0	0	0	0	0	2	1	2	2
Rhode Island	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Houston	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Texas-Austin	2	1	0	0	0	0	0	0	0	0	0	0	0	2	2	3
Utah	7	3	0	0	0	0	1	1	0	0	0	0	3	1	11	5
Va. Commonwealth	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Washington	5	1	0	0	0	0	1	0	0	0	0	0	0	1	6	2
Washington State	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Wisconsin	6	0	0	0	0	0	1	0	0	0	0	0	2	2	9	2
TOTAL	144	63	4	0	7	1	7	11	0	0	8	1	70	38	240	114

TABLE M:

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACEUTICAL CHEM. / PHARMACOGNOSY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	2	0	0	0	1	0	0	0	0	0	0	0	0	1	3
Arizona	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Connecticut	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Georgia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Idaho State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Illinois	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Butler	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Purdue	0	3	0	0	0	0	0	0	0	0	0	0	1	2	1	5
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Maryland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Massachusetts	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Nebraska	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rutgers	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
St. Johns	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
North Carolina	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Philadelphia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Temple	4	4	0	0	0	1	0	0	0	0	0	0	0	0	4	5
Pittsburgh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
South Carolina	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Houston	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	1
TOTAL	18	17	0	0	1	2	0	0	0	0	0	0	9	5	28	24

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACOLOGY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Arizona	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Connecticut	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Florida A & M	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0
Florida	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Butler	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Purdue	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Kansas	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Northeast Louisiana	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Massachusetts	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2
Northeastern	0	0	0	0	0	0	0	0	0	0	4	1	0	0	4	1
Michigan	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Wayne State	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Nebraska	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rutgers	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A & M Schwartz	2	1	0	1	0	0	0	0	0	0	1	0	1	1	4	3
St. Johns	8	6	0	0	0	0	0	0	0	0	0	0	1	1	9	7
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Toledo	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
Oregon State	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Duquesne	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Philadelphia	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Rhode Island	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Houston	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Texas-Austin	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Utah	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Washington State	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Wisconsin	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	30	22	2	1	0	0	0	1	0	0	5	1	5	7	42	32

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACY ADMINISTRATION

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Arizona	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Florida	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Georgia	4	2	0	0	0	0	0	0	0	0	0	0	0	0	4	2
Illinois	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Maryland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Northeastern	0	0	0	0	0	0	0	0	0	0	5	2	0	0	5	2
Minnesota	2	3	0	0	0	0	0	0	0	0	0	0	1	1	3	4
Mississippi	6	1	0	0	0	0	0	0	0	0	0	0	0	0	6	1
A & M Schwartz	7	1	0	2	0	0	1	1	0	0	1	0	2	0	11	4
St. Johns	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
North Carolina	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ohio State	6	7	0	0	0	0	0	1	0	0	0	0	1	0	7	8
Toledo	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
South Carolina	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Tennessee	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Texas-Austin	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Wisconsin	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
TOTAL	38	25	0	2	0	0	1	2	0	0	6	2	5	3	50	34

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACY PRACTICE

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arkansas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southern California	1	0	0	0	0	0	0	0	0	0	0	0	1	4	2	4
Iowa	0	2	0	0	0	0	0	0	0	0	0	0	1	1	1	3
Kansas	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Northeast Louisiana	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Massachusetts	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Wayne State	6	2	0	0	0	0	0	0	0	0	0	0	0	0	6	2
A & M Schwartz	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
St. Johns	6	5	0	0	0	0	1	2	0	0	0	0	0	3	7	10
North Carolina	1	2	0	0	0	0	0	0	0	0	0	0	0	2	1	4
North Dakota	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Oregon State	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Houston	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Utah	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Wisconsin	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	2
TOTAL	24	19	0	0	0	0	1	3	0	0	0	0	2	11	27	33

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACEUTICS / PHARMACY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Connecticut	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Idaho State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Butler	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Purdue	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Kansas	3	0	0	0	0	0	0	0	0	0	0	0	3	1	6	1
Northeast Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Michigan	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Nebraska	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rutgers	7	1	0	0	0	0	1	0	0	0	0	0	0	2	8	3
A & M Schwartz	1	0	0	0	1	0	0	0	0	0	0	0	5	0	7	0
St. Johns	3	4	0	0	0	0	0	0	0	0	0	0	4	3	7	7
Cincinnati	1	1	0	0	0	0	0	1	0	0	0	0	1	0	2	2
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Duquesne	2	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1
Temple	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Houston	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Washington	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Wisconsin	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
TOTAL	25	11	0	0	1	0	1	1	0	0	0	0	21	12	48	24

TABLE N: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACEUTICAL CHEM. / PHARMACOGNOSY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	1	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0
California	25	22	2	0	4	1	2	5	0	0	1	0	7	8	41	36
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Southern California	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Connecticut	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Florida	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Georgia	1	1	0	0	0	0	0	0	0	0	0	0	2	0	3	1
Illinois	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Purdue	5	4	0	0	0	0	0	0	0	0	0	0	2	1	7	5
Iowa	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Kansas	0	0	0	0	0	0	0	0	0	0	4	0	1	1	5	1
Kentucky	3	0	0	0	0	0	0	0	0	0	0	0	5	1	8	1
Northeast Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Maryland	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Northeastern	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Minnesota	3	2	0	0	0	0	0	0	0	0	0	0	2	0	5	2
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Nebraska	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rutgers	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
North Carolina	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0
Ohio State	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Oklahoma	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Temple	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1
Rhode Island	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Utah	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Va. Commonwealth	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Washington	4	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0
Washington State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Wisconsin	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1
TOTAL	63	35	3	0	4	1	4	5	0	0	6	0	33	15	113	56

DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACOLOGY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	6	2	0	0	0	0	0	0	0	0	0	0	1	0	7	2
California	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Colorado	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Connecticut	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	6
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Purdue	1	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0
Kansas	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Maryland	1	1	0	0	1	0	0	0	0	0	0	0	0	1	2	2
Massachusetts	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Northeastern	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Michigan	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Nebraska	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Rutgers	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
St. Johns	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
North Dakota	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Ohio State	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cincinnati	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Philadelphia	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Rhode Island	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Houston	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Texas-Austin	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Utah	3	1	0	0	0	0	1	1	0	0	0	0	0	0	4	2
Washington State	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Wisconsin	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	29	13	0	0	2	0	2	3	0	0	1	1	7	6	41	23

DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACY ADMINISTRATION

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Florida	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Purdue	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Maryland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Minnesota	3	2	0	0	0	0	0	0	0	0	0	0	1	0	4	2
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ohio State	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas-Austin	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Wisconsin	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	12	5	0	0	0	0	0	0	0	0	0	0	1	2	13	7

DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACY PRACTICE

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0
Purdue	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pittsburgh	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	1	1	0	0	0	0	0	0	0	0	0	0	3	1	4	2

DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACEUTICS / PHARMACY

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Auburn	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Southern California	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
Connecticut	1	0	1	0	0	0	0	0	0	0	0	0	1	0	3	0
Florida	0	1	0	0	1	0	0	0	0	0	0	0	1	0	2	1
Georgia	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Purdue	5	1	0	0	0	0	0	0	0	0	0	0	1	0	6	1
Iowa	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Kansas	4	1	0	0	0	0	0	0	0	0	0	0	2	0	6	1
Kentucky	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Northeast Louisiana	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Maryland	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2
Northeastern	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Michigan	1	1	0	0	0	0	0	2	0	0	0	0	3	0	4	3
Minnesota	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Rutgers	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
St. Johns	1	0	0	0	0	0	0	0	0	0	0	0	6	0	7	0
S.U.N.Y. Buffalo	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
North Carolina	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Oregon State	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Temple	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Texas-Austin	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2
Utah	4	1	0	0	0	0	0	0	0	0	0	0	3	1	7	2
Va. Commonwealth	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Washington	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Wisconsin	4	0	0	0	0	0	0	0	0	0	0	0	2	1	6	1
TOTAL	39	9	1	0	1	0	1	3	0	0	1	0	26	14	69	26